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COATED MEDIA

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The present application is a continuation-in-part of U.S. Patent Application No. 10/057,015, which was filed on January 25, 2002, ^{now patented as U.S. Patent NO. 6,638,585 B2,} the entirety of which is incorporated herein by reference.

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FIELD OF THE INVENTION

The present invention is drawn to the area of ink-jet imaging. More specifically, ink-jet prints can be rapidly printed and stacked in a receiving tray without substantial smearing of the printed image or ink transfer to the back of adjacent media stacked therewith. Additionally, these coatings can provide for improved media sheet feed performance.

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BACKGROUND OF THE INVENTION

There are several reasons that ink-jet printing has become a popular way of recording images on various media surfaces, particularly paper. Some of these reasons include low printer noise, capability of high speed recording, and multi-color recording. Additionally, these advantages can be obtained at a relatively low price to consumers. However, though there has been great improvement in ink-jet printing, accompanying this improvement are increased demands by consumers in this area, e.g., higher speeds, higher resolution, full color image formation, increased stability, etc.

Media used for ink-jet printing has typically included high-quality or wood-free papers designed to have a high ink absorptivity. These papers are functionally good for ink-jet printing because the ink-jet inks may be absorbed readily and dry quickly. However, such papers often do not allow for a crisp or